

GELACTIVE NPK 10-10-15 NBPT FLAKES

ORGANO-MINERAL FERTILISER

NPK (SO₃)₂+C

10-10-15 (13) +10 with urease inhibitor

N- (n-butyl) thiophosphoric triamide (NBPT)

Provides organic nitro-nitrogen with slow mineralisation, ureic nitrogen stabilized with NBPT and ammoniacal nitrogen

Also provides phosphorous and potassium complexed with the organic matter

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology



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Characteristics

GELACTIVE NPK 10-10-15 NBPT FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GELACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 10-10-15 NBPT FLAKES** is an organo-mineral NPK fertiliser obtained through a reaction between mineral components and organic protein matrices, using a coextrusion technology, which optimise the integration and the stability of different fractions of the formulation. The use of the inhibitor NBPT is an innovation element, capable to delay the hydrolysis of the ureic nitrogen, reducing nitrogen losses. The product is a complete fertiliser, as it combines organic nitrogen with slow mineralisation, ureic nitrogen stabilised with NBPT and ammoniacal nitrogen. This combination ensures a progressive, differentiated and constant nutritional supply throughout the entire cropping cycle. In addition, **GELACTIVE NPK 10-10-15 NBPT FLAKES** contain high level of potassium and phosphorous from sulphate, both fully available by plants and complexed with the organic matter, which, reduces insolubilisation processes. The product is suitable for all soil, resulting particularly effective in soil with high pH value and low organic matter content. It is recommended for autumn and spring basal fertilisation, as well as maintenance fertilisation of orchards, vineyards and vegetable crops. The formulation is also suitable for use in grassed systems or in conditions where soil incorporation is not possible. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition

	w/w
Total nitrogen (N)	10.0%
Ureic nitrogen (N)	5.0%
Organic nitrogen (N)	1.6%
Ammoniacal nitrogen (N)	3.4%
Water-soluble sulphur trioxide (SO ₃)	13.0%
Organic carbon (C)	10.0%
Organic matter	20.0%

	w/w
Total phosphoric anhydride (P ₂ O ₅)	10.0%
Phosphoric anhydride (P ₂ O ₅) soluble in neutral ammonium citrate and water	6.0%
Phosphoric anhydride (P ₂ O ₅) soluble in water	5.0%
Phosphoric anhydride (P ₂ O ₅) soluble in mineral acids	5.0%
Water-soluble potassium oxide (K ₂ O) with low chlorine content	15.0%

Components

ORGANIC FERTILISERS:
Mixture of organic NP fertilisers
Mixture of organic nitrogenous fertilisers

MINERAL FERTILISERS:

Urea
EC NP fertiliser
Potassium sulphate
Soft natural phosphate
It can also be used in fertilisation plans that benefit from the incentives provided by local regulations and regional, national and European laws.

Doses and Instructions

CROPS
Fruit trees
Horticultural crops
Ornamental crops
Industrial crops
Fresh-cut produce crops

APPLICATION RATES Kg/ha

450-600 during planting, pre-vegetative growth phase, and post-harvest
500-600 pre-sowing or transplanting
250-300 pre-sowing or transplanting
500-700 pre-sowing or transplanting
200-250 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation

Flakes

Packaging

25 -500 kg

Diameter

2 mm

Humidity

< 10%

Warnings

The product should be incorporated into the soil, ensuring it does not come into direct contact with the plant. Store in a weather-protected area.

Technical Notes



SOIL
APPLICATION



FLAKES



NBPT

GEL ACTIVE FOAM® **ORGAMIN-P®**



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